RANGE FINDING

The reticle pattern of your Simmons Crossbow scope provides a range finding system for deer sized animals or targets. The body diameter of an adult whitetail deer will just span the upper horizontal line at 15 yards. At 20 yards it will span the second line. At 30 yards, the third line, the fourth line at 40 yards, and the fifth line at 45 yards.

MAINTAINING YOUR SIMMONS SCOPE

Your Simmons scope is shock proof and waterproof. However, you should never try to take it apart or clean it internally. If your scope ever needs repairs or adjustments, it should be returned to the Simmons Service Department.

Your Simmons scope will perform at its best if it is occasionally wiped clean with a lens cloth or an optical quality lens paper like those used for eyeglasses and camera lenses. Keep the protective lens covers in place when the scope is not being used.

Maintain the metal surfaces of your scope by removing any dirt or sand with a soft brush to avoid scratching the finish. Then wipe the scope with a damp cloth and follow with a dry cloth. Finally, wipe with a silicone treated cloth to restore luster and to protect the scope against corrosion. Be careful not to touch the lenses with the silicone cloth.

SIMMONS

201 Plantation Oak Drive, Thomasville, GA 31792 Tel: (912) 227-9053440

CROSSBOW SCOPE INSTRUCTIONS

SIMMONS

*Simmons Limited Lifetime Warranty**

Simmons warrants this product to be free of defects in materials and workmanship. Simmons will repair or at its option, replace this product without charge with respect to parts and labor, providing our examination indicates that a defect exists. In the event this product model is no longer available at the time warranty service is required and Simmons has elected replacement, a substitution of equal or greater value and similar performance will be made. This warranty does not include damage caused by abuse, improper handling, installation, maintenance, unauthorized repairs or modifications. No implied warranty of this product is extended. Some states do not allow limitations of implied warranty, so this limitation may not apply to you. In that event any such implied warranty is limited to that required by law. Simmons shall not be liable for incidental or consequential damages, including but not limited to lost profits or other economic or commercial losses. For warranty or non-warranty repairs, product should be returned postage prepaid to Simmons Outdoor Corporation. When returning product for service (warranty and non-warranty) include a note explaining the problem. Return product with a check or money order in the amount of $7.00 to cover handling and postage. For non-warranty repairs you will be advised of the service charges prior to any work being done. This warranty gives you certain legal rights and you may have other rights which vary from state to state. As defined by federal law, this is a limited warranty.

* This warranty only applies in the Continental United States.
* Esta garantía solamente se aplica en los Estados Unidos continentales.
* Questa garanzia è valida soltanto nel territorio continentale degli Stati Uniti.
* La présent garantie ne s'applique qu'au cibtubebt des Etats-Unis.
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SIMMONS

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CAUTION
Do not look at the sun with this instrument or even the unaided eye, as permanent eye damage or even blindness could result.

MOUNTS

If your crossbow is not equipped with a factory supplied mounting system, ask your local dealer for help in selecting mounts.

FOCUSING

Before attaching the scope to the mounts, it should be focused for your vision.

1. Loosen the eye bell lock ring.
2. Hold scope three or four inches from your eye.
3. Quickly glance through the scope at a flat, featureless area, such as the open sky.
4. If the reticle does not instantly appear sharp and clear, rotate the eye bell (either direction) a few turns.
5. Repeat steps three and four until the reticle is sharply focused. Retighten the eye bell locking ring.

ATTACHING SCOPE TO MOUNTS

1. Remove ring caps from ring mounts, place scope in cradle formed by the uncapped rings.
2. Hold crossbow to shoulder, slide scope fore or aft to position it at the proper eye point (about three or four inches from the eye).
3. Rotate scope within ring cradle to align the reticle horizontally and vertically.
4. Replace ring caps and tighten firmly.
   CAUTION - DO NOT OVERTIGHTEN.

ZEROING

At an approved range or other safe area, set up a target at the shortest distance you wish to zero (10 yards, 15 yards, etc.).

Set parallax correction ring to the distance of your target.

Shoot a bolt at the target, using the upper horizontal line of the reticle as the aiming point, note it's impact on the target. If the bolt went over or fell short of the target, estimate the amount (in feet and inches) of the miss.

Remove the windage and elevation caps and turn the screws in the direction required to correct point of impact. Each click of adjustment will move the impact by the amount shown on the chart.

YARDS							
Impact	10	15	20	25	30	35	40
Change/Inches	.025	.0375	.05	.0625	.075	.0875	.1

The horizontal lines of the reticle are additional aiming points for longer distances. Unlike pins of mechanical sights which can be adjusted for any desired range, the lines represent fixed distances. Since bolt weight and velocity determines trajectory, you will have to experiment with your tackle to determine the range for each line. Remember to reset the parallax correction ring for each distance at which you are shooting.

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